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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2016-17/

Date: 04-04-2016

1. TEST REPORT ON CHAIN LINK FENCING WIRE (8th Gauge):

Sub: Tests on Chain Link Fencing Materials.

{Project*: Providing chain link fencing to proposed park in Doddabettahalli near Amba Bhavani Temple road in Attur ward No.03 Yelahanka New Town Sub-Division}

Ref.: Letter No. Testing/BUB/2016-17, dated 01-04-2016

Report required for: Assistant Executive Engineer,
Yelahanka New Town, Sub-Division
BBMP, Bangalore.

Sample Supplied to lab by : Sri. Y B Ramesh Contractor ,Bangalore

TABLE – 1

Sl No	Details of Tests	Test Results	Remarks / Test method conforms to
1	Ultimate Tensile Strength	523 N/sqmm	As per IS:1608-1995 400-550N/ sqmm
2	Wrapping test	No breaking or splitting	As per IS:1755-1983 & IS: 2721-2003 Sample shall not break or split
3	Twist test	24wists	As per IS:1755-1983 & IS: 2721-2003 Withstand not less than 18 twists
4	Bend/ Rebend Test	No breaking or splitting	As per IS: 2721-2003 Sample shall not break or split

*As Furnished by Client

The Results relate only to the items tested.

4/4/2016

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BUB/CTE/2016-17/

Date: 04-04-2016

1. TEST REPORT ON STRUCTURAL STEEL :

Sub: Testing of Structural Steel Members-M.S Angle.
{Project*: Providing chain link fencing to proposed park in Doddabettahalli near Amba Bhavani Temple road in Attur ward No.03 Yelahanka New Town Sub-Division}

Ref.: Letter No. Testing/BUB/2016-17, dated 01-04-2016

Report required for: Assistant Executive Engineer,
Yelahanka New Town, Sub-Division
BBMP, Bangalore.

Sample Supplied to lab by : Sri. Y B Ramesh Contractor ,Bangalore

TABLE – 1

Sl No	Details of Tests	Specimen Size ISA-65X 65X 6 mm of 1.0 m length	
		Test Results	Min req as per IS:2062-1999 & Steel Table
1	Proof stress/Yield stress, fy N/mm^2	264 N/Sq mm	250 N/Sq mm
2	Bend/ Rebend Test	Withstood	Sample should with stand
3	Percentage of elongation, %	26.40	23.0
4	Ultimate Tensile Strength, N/mm^2	450N/Sq mm	410 N/Sq mm

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The Results relate only to the items tested.

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BUB/CTE/2016-17/

Date: 04-04-2016

1.TEST REPORT ON M.S PIPE (38 mm dia) :

Sub: Tests on Chain Link Fencing Materials.

{Project*: Providing chain link fencing to proposed park in Doddabettahalli near Amba Bhavani Temple road in Attur ward No.03 Yelahanka New Town Sub-Division}

Ref.: Letter No. Testing/BUB/2016-17, dated 01-04-2016

Report required for: Assistant Executive Engineer,
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Sample Supplied to lab by : Sri. Y B Ramesh Contractor ,Bangalore

PHYSICAL TEST

TABLE 1.1

Sl No	Details of Tests	Test Results for M.S Pipe	Remarks
		38 mm dia-medium.	
1	Bend or Flattening Test	OK	As per IS 2329-1985 (No fracture)
2	Percentage of elongation, %	23.3	As per IS 1894-1972 (Min. 20.0%)
3	Ultimate Tensile Strength, N/mm^2	335.0 N/Sq mm	As per IS 1894-1972 (Min. 320.0 N/Sq mm)

*As Furnished by Client

The Results relate only to the items tested.

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BUB/CTE/2016-17/

DATE: 10-05-2016

1. TEST REPORT ON CEMENT CONCRETE CUBES :

Sub: Testing of Concrete Cubes (28days Compressive Strength)
{Project*: Providing chain link fencing to proposed park in Doddabettahalli near Amba Bhavani Temple road in Attur ward No.03 Yelahanka New Town Sub-Division}

Ref.: Letter No. Testing/BUB/2016-17, dated 09-05-2016

Report required for: Assistant Executive Engineer,
Yelahanka New Town, Sub-Division
BBMP, Bangalore.

Sample Supplied to lab by : Sri. Y B Ramesh Contractor ,Bangalore

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm
Grade of Concrete* : M_{15}
Location Concrete* : Coping Concrete

TABLE 1.1 :

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in Mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	11-04-16	09-05-16	28	22500	385	17.11	17.33
	002	"	"	"	"	400	17.77	
	003	"	"	"	"	385	17.11	

*As Furnished by Client.

The Results relate only to the items tested.

Pradeep AE 10/5

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